



**SECTION B****WATER DATA**

10. Water Source: (Circle all appropriate answers)

Purchased

☒ Y - ☐ N

Well

☒ Y - ☐ N

If Y, is it metered

☒ Y - ☐ N

River

Y - ☒ N

If Y, is it metered

Y - ☐ N11. Name of purchased water supplier: PVWCList all Account #'s: 122611-9383612. Water Received: From Mo. June Yr. 2003 Through Mo. May Yr. 2004

(\* Next to a figure means it is estimated).

	<u>PURCHASED</u>	<u>WELL</u>	<u>RIVER</u>	<u>TOTAL</u>
1 <sup>st</sup> Qtr.	174,859	467,830	NA	642,689
2 <sup>nd</sup> Qtr.	163,997	368,870	NA	532,867
3 <sup>rd</sup> Qtr.	178,405	394,880	NA	573,285
4 <sup>th</sup> Qtr.	226,166	393,950	NA	620,116

**GRAND TOTAL** 2,368,957 Report in gallons

Water Use and Disposition (\*Next to a figure means it is estimated).

	Gallons Sanitary/Combined Sewer	Discharged Stormwater/River/ Ditch	Gallons Used Other
Sanitary service only	88,556		
Process waste water	2,161,954		
Cooling water			
Evaporation			118,447
Contained in the product			
Other (describe)			

**GRAND TOTAL** 2,368,957

Water flow information from PVSC MR-2 reports previously submitted

**SECTION B (continued)**

14. Process wastewater which is discharged as above is metered as follows:

To the Separate Sanitary Sewer      Y ☒ N  
 To the Combined Sewer      ☒ Y - N  
 To the Storm Sewer      Y ☒ N  
 River or Ditch      Y ☒ N

15. Waste hauler information: List all firms and/or independent contractors used to remove process waste or sludge from this facility.

Contractor	Address	Icc #	Waste type handled
Stablex, Canada	760 Boul. Industrial		D002, D007, D008
	Blainville (Quebec) CN		Sludge from tank bottom

**SECTION C****OPERATIONAL CHARACTERISTICS**

16. Discharge of Industrial Waste is continuous XX  
 or intermittent \_\_\_\_\_ each operating day.

If the discharge is intermittent, it occurs between the following hours: \_\_\_\_\_

17. Brief description of Manufacturing or other activity performed: \_\_\_\_\_  
Anodizing, Irriditing & Etching of Aluminum

List SIC CODE #: 3470

18. Principal Raw Materials used: Aluminum, Sulfuric Acid, Sodium Hydroxide  
Nitric Acid

19. Principal Products or Services: Anodizing, Irriditing & Etching of Aluminum Parts for  
Customers

20. Describe seasonal variations, if significant, giving dates, volumes, rates, hours, etc.

Include variations in product lines which affect waste characteristics: NA

Does this facility shutdown for vacation(s)? No If so, is it basically the same time each year. \_\_\_\_\_ Provide dates usually shutdown \_\_\_\_\_

### **SECTION D**

#### **MONITORING**

21. Describe any pretreatment process or effluent monitoring system in use:

Outlet 27200053-1 pH Neutralization

Outlet 27200053-2 Sanitary Only

Outlet \_\_\_\_\_

22. Sampling information:

<b><u>Outlet</u></b>	<b><u>Contains Industrial Waste</u></b>	<b><u>Sampler Type</u></b>	<b><u>Refrigerated</u></b>
27200053-1	Yes	Diaphragm Pump	Yes
27200053-2	No		

**SECTION D (continued)**

## 23. Volume Information:

<u>Outlet</u>	<u>Daily Flow (Gallons)</u>	<u>Metered (Y - N)</u>	<u>Type</u>	<u>Date</u>
27200053-1	8473	N	Water balance using internal sanitary meter	
27200053-2	348	Y	Internal sanitary meter	

24. Frequency of calibration of each flow meter: NA

## 25. Attach plot plan of the property showing:

- (a) all existing or proposed sewer and drain lines (including outlets to a storm sewer, river or ditch);
- (b) sample point(s); Monitoring or Pretreatment Equipment; Incoming meter(s); Well meter(s); Internal meter (s); Flowmeter(s).
- (c) details of the connection(s) to the municipal (or PVSC) sewer, including the distance and direction of each connection from the nearest street intersection.

**SECTION E****ANALYSIS OF INDUSTRIAL WASTE**

26. Analysis for Industrial Waste must be a proper sample taken for each outlet.

OUTLET NO. 27200053-1

Report to the nearest unit: XX. Except where indicated with (1) Example: 15 mg/l			Report to the nearest hundredth: 0.XX Except where indicated Example: 0.36 mg/l		
<u>Code</u>	<u>Parameter</u>	<u>Value</u>	<u>Code</u>	<u>Parameter</u>	<u>Value</u>
0200*	Radioactivity (PL-1)		1097*	Antimony (Sb)	
0500	Total Solids	752 mg/L	1002*	Arsenic (As)	
0505	Volatile Solids	122 mg/L	1022*	Boron (B)	
0530	Total Suspended Solids	206 mg/L	1027	Cadmium (Cd)	0.0024
0540	Volatile Suspended Solids	42.0 mg/L	1034*	Chromium Total (Cr)	
0555	(1)(3) Petroleum Hydrocarbons	<0.50 mg/L	1042	Copper (Cu)	0.232
0310	Biochemical Oxygen Demand (BOD)	7.0 mg/L	1045*	Iron (Fe)	
			1051	Lead (Pb)	0.05
0340	Chemical Oxygen Demand (COD)	16.0 mg/L	0720*(3)	Cyanide (Cn)	0.023
			1900	Mercury (Report to 0.XXX)	<0.0005
0680	Total Organic Carbon (TOC)	4.66 mg/L	1067	Nickel (Ni)	0.258
			1147*	Selenium (Se)	
9000	pH(standard unit range)	(**)	1077*	Silver (Ag)	
0610	(1) Ammonia as N	0.512 mg/L	1102*	Tin (Sn)	
0550	(1)(3) Total Oil & Grease	<5.0 mg/L	1092	Zinc (Zn)	0.077
0745*	(1) Sulfide		2730	Phenol	<0.05
0507*	(1) Ortho Phosphates as P		4053*	Pesticides (Report to 0.XXX)	
0625*	(1) Kjeldahl N as N				
9998*	(2)(3) TTO (Report to 0.XXX)	(***)	9999*(3)	TTVO (Report to 0.XXX)	

## FOOTNOTES:

- (1) Report results to the nearest tenth, i.e., 1.6 mg/l.
- (\*) Analyze for this if reasonably expected to be present in the discharge unless otherwise exempted.
- (2) See instructions.
- (3) Grab sample required

Rev: 1/87 (\*\*\*) Company has pH recorder in operation  
 8/89  
 7/90 (\*\*\*) Company has approved TTO Management Plan on file with PVSC  
 9/94  
 8/95  
 11/95  
 07/98

**SECTION E (continued)**

Samples collected by: Andarn Electro Service personnel

6/1/04

Date: 3/2/04 (Hg)

See Lab

Sample analyzed by: Integrated Analytical personnel

Date: Reports

Products being manufactured when sample was collected: Anodizing of Aluminum

27. Who performs the analyses of the samples for User Charge? Integrated Analytical Laboratories

28. Is the Laboratory certified by NJDEP to conduct all the analyses? Y - N YES

29. Who performs the analyses of the samples for the Pretreatment Parameters?  
Integrated Analytical Laboratories

If monitoring has not commenced for Pretreatment, indicate Laboratory you plan to use. If unknown, so state:

30. Is the Laboratory certified by NJDEP to conduct all the required Pretreatment analyses?

Y - N Yes

31. Based upon knowledge of materials and processes used at this facility check the appropriate box that best describes the potential that a Priority Pollutant, listed on Tables 1,2 & 3 is present in your discharge.

**SECTION F****PRETREATMENT**

32. Industrial Category: 40 CFR 413.44 (SP-D), 413.54 (SP-E), 413.64 (SP-F)  
 Subpart (s): \_\_\_\_\_
33. Compliance date(s): 4-27-84
34. Is facility in compliance? Yes If not, and if compliance date has passed,  
 explain actions being taken to get into compliance: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_
35. Date Baseline Monitoring Report (BMR) submitted to PVSC: 1-15-1991
36. Compliance schedule submitted: NA  
 If yes is facility on schedule? \_\_\_\_\_ Explain if compliance date will not be met:  
 \_\_\_\_\_
37. Does this facility come under the Resource Conservation and Recovery Act (RCRA)?  
 If yes, describe YES for D002, D007 & D008 wastes
38. Does this facility have a Spill Prevention Control and Countermeasures (SPCC) plan?  
 If yes, describe No. Does have PVSC Slug Control Plan
39. Has NJDEP or EPA ever cited this facility for a violation of State or Federal  
 Regulations for the nature of its wastewater discharge? Y - N No
40. Is this facility under an ISRA Clean up? No If so, has a plan been approved by  
 NJDEP: \_\_\_\_\_  
 Is there any plan to discharge groundwater? NO  
 \_\_\_\_\_  
 \_\_\_\_\_



**CERTIFICATION\*:**

The information contained in this application is familiar to me and, to the best of my knowledge and belief, such information is true, complete and accurate.

If the applicant is a corporation, a corporate resolution is attached granting me the authority to sign the application on behalf of the corporation.

Name of signing official:


Chandra Patel

Print Name

TITLE:

Plant Manager

7/30/04  
DATE

  
SIGNATURE

\*APPLICATION MUST BE SIGNED BY ONE OF THE FOLLOWING:

- a. Principal Officer of Corporation
- b. President or Owner of Company
- c. General Partner if a Partnership
- d. Plant Manager or Authorized Representative

**TABLE 1 EPA PRIORITY POLLUTANTS****CHECK APPROPRIATE BOX**

NAME	A	B	C	D		A	B	C	D
Acenaphthene			↑		2,4 dimethylphenol			↑	
acrolein					2,4 dinitrotoluene				
acrylonitrile					2,6 dinitrotoluene				
benzene					1,2 diphenylhydrazine				
benzidine					Ethylbenzene				
carbon tetrachloride (tetrachloromethane)					Fluoranthene				
chlorobenzene					4-chlorophenyl phenyl ether				
1,2,4-trichlorobenzene					4-bromophenyl phenyl ether				
hexachlorobenzene					bis(2-chloroisopropyl) ether				
1,2 dichloroethane					bis(2-chloroethoxy) methane				
1,1,1 trichloroethane					Methylene chloride(dichloromethane)				
hexachloroethane					methyl chloride (chloromethane)				
1,1,dichloroethane					methyl bromide (bromomethane)				
1,1,2 trichloroethane					bromoform(tribromomethane)				
1,1,2,2 tetrachloroethane					dichlorobromomethane				
chloroethane					trichlorofluoromethane				
bis(chloromethyl) ether					dichlorodifluoromethane				
Bis(2 chloroethyl) ether					chlorodibromomethane				
2-chloroethyl vinyl ether mixed					hexachlorobutadiene				
2-chloronaphthalene					hexachlorocyclopentadiene				
2,4,6, trichlorophenol					isophorone				
parachlorometa cresol					naphthalene				
Chloroform (trichloromethane)					nitrobenzene				
2 chlorophenol					2-nitrophenol				
1,2, dichlorobenzene					4-nitrophenol				
1,3, dichlorobenzene					2,4-dinitrophenol				
1,4, dichlorobenzene					4,6 dinitro-o cresol				
3,3, dichlorobenzidine					N-nitrosodimethylamine				
1,1,dichloroethylene					N-nitrosodiphenylamine				
1,2 trans-dichloroethylene					N-nitrosodi-n-propylamine				
2,4,dichlorophenol					pentachlorophenol				
1,2, dichloropropane					phenol			↓	
1,3, dichloropropylene									
(1,3 dichlor propene)			↓						

- A. KNOWN TO BE PRESENT**  
**B. SUSPECTED TO BE PRESENT**  
**C. KNOWN TO BE ABSENT**  
**D. SUSPECT TO BE ABSENT**

**TABLE 1 EPA PRIORITY POLLUTANTS (continued)****CHECK APPROPRIATE BOX**

NAME	A	B	C	D		A	B	C	D
bis(2-ethylhexyl) phthalate			↑		endrin			↑	
butylbenzylphthalate			↑		endrin aldehyde			↑	
di-n-butylphthalate			↑		heptachlor			↑	
di-n-octylphthalate			↑		heptachlor (epoxide)			↑	
diethylphthalate			↑		BHC Alpha			↑	
dimethylphthalate			↑		BHC Beta			↑	
benzo(a)anthracene			↑		BHC Gamma			↑	
benzo(a)pyrene			↑		BHC Delta			↑	
3,4 benzofluoranthene			↑		PCB1242			↑	
benzo(k) fluoranthene			↑		PCB1254			↑	
chrysene			↑		PCB1221			↑	
acenaphthylene			↑		PCB1232			↑	
anthracene			↑		PCB1248			↑	
benzo(ghi)perylene			↑		PCB1260			↑	
fluorene			↑		PCB1016			↑	
phenanthrene			↑		toxaphene			↑	
dibenzo (a,h) anthracene			↑		antimony(total)			↑	
indeno (1,2,3-c,d) pyrene			↑		arsenic (total)			↑	
pyrene			↑		asbestos (fibrous)			↓	
tetrachloroethylene			↑		beryllium (total)			X	
toluene			↑		cadmium (total)	X		X	
trichloroethylene			↑		chromium (total)	X		X	
vinyl chloride			↑		copper (total)	X		X	
aldrin			↑		cyanide (total)			X	
dieldrin			↑		lead (total)	X		X	
chlordane			↑		mercury (total)			X	
4,4 DDT			↑		nickel (total)	X		X	
4,4, DDE			↑		selenium (total)			X	
4,4, DDD			↑		silver (total)			X	
endosulfan 1			↑		thallium (total)			X	
endosulfan 11			↑		zinc (total)	X		X	
endosulfan sulfate			↑		2,3,7,8, tetrachlorodibenzo			X	
			↓		p-dioxin			X	

- A. KNOWN TO BE PRESENT**  
**B. SUSPECTED TO BE PRESENT**  
**C. KNOWN TO BE ABSENT**  
**D. SUSPECT TO BE ABSENT**

**TABLE 2 NJDEP EXPANDED PRIORITY POLLUTANTS****CHECK APPROPRIATE BOX**

NAME	A	B	C	D		A	B	C	D
acrylamide			↑		n,n-dimethyl aniline			↑	
amitrole			↑		3,3-dimethyl benzidine			↑	
amyl alcohols			↑		1,1-dimethylhydrazine			↑	
aniline hydrochloride			↑		dioxane			↑	
anisole			↑		diphenylamine			↑	
auramine			↑		ethylenimine			↑	
benzotrichloride			↑		hydrazine			↑	
benzylamine			↑		4,4-methylene bis			↑	
			↑		(2-chloraniline)			↑	
o-chloroaniline			↑		4,4-methylenedianiline			↑	
m-chloroaniline			↑		methyl isobutyl ketone			↑	
p-chloraniline			↑		alpha-naphthylamine			↑	
1-chloro-2-nitrobenzene			↑		beta-naphthylamine			↑	
1-chloro-4-nitrobenzene			↑		n-methylaniline			↑	
chloroprene			↑		1,2- phenylenediamine			↑	
chrysoidine			↑		1,3- phenylenediamine			↑	
cumene			↑		1,4-phenylenediamine			↑	
2,3-dichloroaniline			↑		sudan 1 (solvent yellow 14)			↑	
2,4-dichloroaniline			↑		thiourea			↑	
2,5-dichloroaniline			↑		toluene sulfonic acids			↑	
3,4-dichloroaniline			↑		toluidines			↑	
3,5-dichloroaniline			↑		xylylides			↑	
1,3-dichloropropene			↓					↓	
1,3-dimethoxybenzidine			↓					↓	

- A. KNOWN TO BE PRESENT**  
**B. SUSPECTED TO BE PRESENT**  
**C. KNOWN TO BE ABSENT**  
**D. SUSPECT TO BE ABSENT**

**TABLE 3 EPA HAZARDOUS SUBSTANCES****CHECK APPROPRIATE BOX**

NAME	A	B	C	D		A	B	C	D
acetaldehyde			↑		isopropanolamine			↑	
allyl alcohol			↑		kelthane			↑	
allyl chloride			↑		kepone			↑	
amyl acetate			↑		malathion			↑	
aniline			↑		mercaptodimethur			↑	
benzonitrile			↑		methoxychlor			↑	
benzyl chloride			↑		methyl mercaptan			↑	
butyl acetate			↑		methyl methacrylate			↑	
butylamine			↑		methly parathion			↑	
captan			↑		mevinphos			↑	
carbaryl			↑		mexacarbate			↑	
carbofuran			↑		monoethylamine			↑	
carbon disulfide			↑		monomethylamine			↑	
chlorpyrifos			↑		naled			↑	
coumaphos			↑		napthenic acid			↑	
cresol			↑		nitrotoluene			↑	
crotonaldehyde			↑		parathion			↑	
cyclohexane			↑		phenolsulfanate			↑	
2,4-D (2,4-dichlorophenoxy)			↑		phosgene			↑	
acetic acid			↑		propagrite			↑	
diazinon			↑		propylene oxide			↑	
dicamba			↑		pyrethrins			↑	
dichlobenil			↑		quinoline			↑	
dichlone			↑		resorcinol			↑	
2,2-dichloropropionic acid			↑		strontium			↑	
dichlorvos			↑		strychnine			↑	
diethylamine			↑		stryrene			↑	
dimethylamine			↑		2,4,5-T (2,4,5-trichloro- phenoxy acetic acid)			↑	
dinitrobenzene			↑		TDE (tetrachloro- diphenylethane)			↑	
diquat			↑		2,4,5-TP 2(2,4,5- trichlorophenoxy			↑	
disulfoton			↑		trichlorofon			↑	
diuron			↑		triethylamine			↑	
epichlorohydrin			↓		trimethylamine			↓	
			↓		propanoic acid			↓	

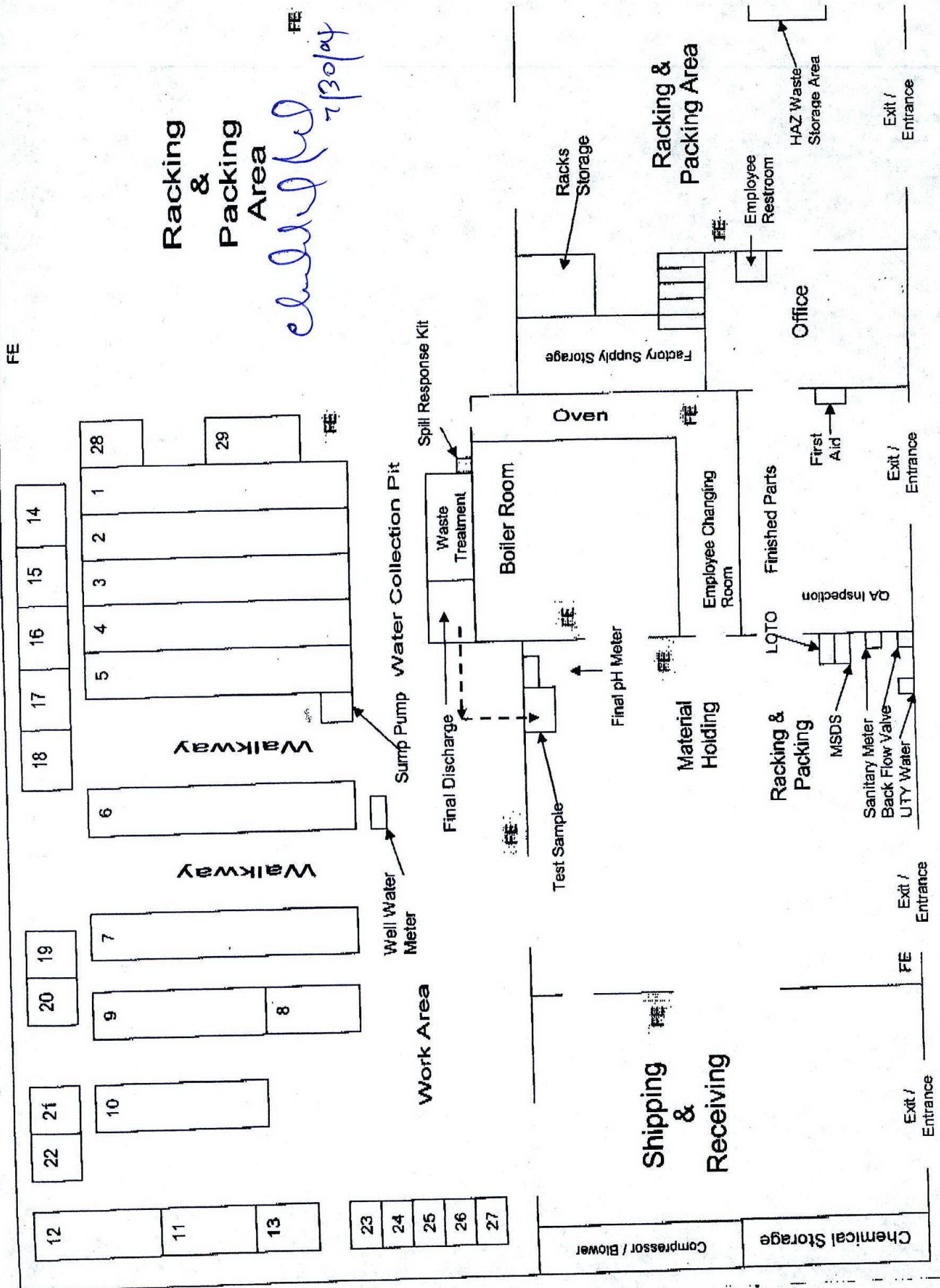
- A. KNOWN TO BE PRESENT**  
**B. SUSPECTED TO BE PRESENT**  
**C. KNOWN TO BE ABSENT**  
**D. SUSPECT TO BE ABSENT**

**TABLE 3 EPA HAZARDOUS SUBSTANCES (continued)****CHECK APPROPRIATE BOX**

<u>NAME</u>	<u>A</u>	<u>B</u>	<u>C</u>	<u>D</u>		<u>A</u>	<u>B</u>	<u>C</u>	<u>D</u>
ethanolamine			↑		uranium			↑	
ethion			↑		vanadium			↑	
ethylene diamine			↑		vinyl acetate			↑	
ethylene dibromide			↑		xylene			↑	
formaldehyde			↑		xlenol			↑	
furfural			↑		zirconium			↓	
guthion			↓						
isoprene			↓						

- A. KNOWN TO BE PRESENT**  
**B. SUSPECTED TO BE PRESENT**  
**C. KNOWN TO BE ABSENT**  
**D. SUSPECT TO BE ABSENT**

## Floor Layout & Emergency Equipment Location Plan







## ANALYTICAL DATA REPORT

for  
 Andarn Electro-Service  
 72 Michigan Ave  
 Paterson, NJ 07503

Project Name: PVSC MONITORING  
 Lab Case Number: E04-05007

MDL = METHOD DETECTION LIMIT

&lt; = LESS THAN THE MDL

## General Analytical

Lab ID: 05007-001  
 Client ID: 01  
 Percent Moisture: 100

Date Sampled: 6/1/04  
 Time Sampled: 10:00

Parameter	Result	MDL	Matrix-Units	Date Analyzed
Cyanide, Amenable	0.023	0.020	Aqueous-mg/L	6/11/04 9:47
Oil & Grease	< 5.00	5.00	Aqueous-mg/L	6/10/04 10:00
Total Petroleum Hydrocarbons	< 0.500	0.500	Aqueous-µg/L	6/7/04 17:40

## Metals

Lab ID: 05007-002  
 Client ID: 02  
 Matrix-Units: Aqueous-mg/L  
 Percent Moisture: 100

Date Sampled: 6/1/04  
 Time Sampled: 16:00  
 Date Analyzed: 6/8/04

Parameter	Result	Q	MDL
Cadmium	0.0024		0.001
Copper	0.232		0.008
Lead	0.050		0.002
Nickel	0.258		0.004
Zinc	0.077		0.008

273 Franklin Road  
 Randolph, NJ 07869  
 Phone: 973 361 4252  
 Fax: 973 989 5288



IAL is a NELAC New Jersey Certified Lab (14751) and maintains certification in Connecticut (PH-0699), New York (11402), Rhode Island (00126), Florida (E87670) and in the Department of Navy IR QA Program.





## ANALYTICAL DATA REPORT

for  
 Andarn Electro-Service  
 72 Michigan Ave  
 Paterson, NJ 07503

Project Name: PVSC MONITORING  
 Lab Case Number: E04-05007

MDL = METHOD DETECTION LIMIT

&lt; = LESS THAN THE MDL

## General Analytical

Lab ID: 05007-002  
 Client ID: 02  
 Percent Moisture: 100

Date Sampled: 6/1/04  
 Time Sampled: 16:00

Parameter	Result	MDL	Matrix-Units	Date Analyzed
Biochemical Oxygen Demand	7.00	2.00	Aqueous-mg/L	6/2/2004 16:00
Chemical Oxygen Demand	16.0	5.00	Aqueous-mg/L	6/11/2004 11:00
Ammonia	0.512	0.200	Aqueous-mg/L	6/11/2004 11:43
Total Recoverable Phenols	< 0.050	0.050	Aqueous-mg/L	6/3/2004 9:45
Total Organic Carbons	4.66	1.00	Aqueous-mg/L	6/1/2004 10:30
Total Solids	752	10.0	Aqueous-mg/L	6/11/2004 11:01
Total Volatile Solids	122	10.0	Aqueous-mg/L	6/8/2004 15:00
Total Suspended Solids	206	10.0	Aqueous-mg/L	6/4/2004 14:30
Volatile Suspended Solids	42.0	10.0	Aqueous-mg/L	6/7/2004 11:00

These data have been reviewed and accepted by:

*Michael H. Leftin*  
 Michael H. Leftin, Ph.D.  
 Laboratory Director

273 Franklin Road  
 Randolph, NJ 07869  
 Phone: 973 361 4252  
 Fax: 973 989 5288



IAL is a NELAC New Jersey Certified Lab (14751) and maintain certification in Connecticut (PH-0699), New York (11402), Rhode Island (00126), Florida (E87670) and in the Department of Navy IR QA Program

## CLIENT & PROJECT

Name: ANDARU Electric Service	Fax to: ENVIRO - COMP
	Fax #: 633-7643
Address: 72 Michigan Ave	Report to: ENVIRO - COMP
PATERSON, NJ 07503	Address: PO Box 3457
	WAYNE, NJ 07474
Telephone #:	Invoice to: ENVIRO - COMP
Fax #:	Address:
Project Name: PVSC MONITORING	
Project Manager:	
Reference ID#:	PO#:





## SAMPLE INFORMATION

SAMPLE MATRIX		
W - Waste	SL - Sludge	A - Aqueous
O - Oil	X - Other	S - Soil
GW - Groundwater		SOL - Solid

[illegible]

Please print legibly and fill out completely. Samples cannot be processed and the turnaround time will not start until any ambiguities have been resolved.

**CUSTODY LOG**

Signature	Date	Time	Signature
Relinquished by: 	6/2/04	8:20	Received by: 
Relinquished by: 	6/2/04	1:50	Received by: 
Relinquished by:			Received by:
Relinquished by:			Received by:
Relinquished by:			Received by:

LAB COPIES - WHITE & YELLOW; CLIENT COPY - PINK

### Furnaround Time

Conditional // TPHC				Report Format
24 hr*	48 hr	72 hr	1 wk	Results Only
Other: NA				
Verbal/Fax				Reduced
24 hr*	48 hr*	72 hr*	1 wk*	Regulatory
Other: 2 wk				
Hard Copy				SRP Disk**; dbf or wkj
72 hr*	1 wk*	2 wk*	3 wk	Other:

\*Prior to sample arrival, Lab notification is required.

**\*Prior to sample arrival, Lab notification is required.**

## ANALYTICAL PARAMETERS / PRESERVATIVES

Preservatives	1,2,3	4,5,6	1,2,3	4,5,6	1,2,3	4,5,6	1,2,3	4,5,6	1,2,3	4,5,6
1. HCL										
2. HNO <sub>3</sub>										
3. NaOH										
4. CH <sub>3</sub> SO <sub>4</sub>										
5. MeOH										
6. Other										
<div style="border: 1px solid black; padding: 5px; display: inline-block;">           COOLER TEMP. °C         </div>										
Comments										

COOLER TEMP. °C	Comments
--------------------	----------

Comments

**Comments:**

Lab Case #

PAGE:

✓ OF ✓



## ANALYTICAL DATA REPORT

for  
**Andarn Electro-Service**  
**72 Michigan Ave**  
**Paterson, NJ 07503**

**Project Name: PVSC MONITORING**  
**Lab Case Number: E04-01836**

MDL = METHOD DETECTION LIMIT

&lt; = LESS THAN THE MDL

## General Analytical

Lab ID: 01836-001  
 Client ID: 01  
 Percent Moisture: 100

Date Sampled: 3/2/04  
 Time Sampled: 10:00

Parameter	Result	MDL	Matrix-Units	Date Analyzed
Cyanide, Amenable	0.024	0.020	Aqueous-mg/L	3/15/04 14:27

## Metals

Lab ID: 01836-002  
 Client ID: 02  
 Matrix-Units: Aqueous-mg/L  
 Percent Moisture: 100

Date Sampled: 3/2/04  
 Time Sampled: 15:30  
 Date Analyzed: 3/4/04

Parameter	Result	Q	MDL
Cadmium	0.0014		0.001
Copper	0.346		0.008
Lead	0.177		0.002
Mercury	< 0.0005		0.0005
Nickel	0.640		0.004
Zinc	0.113		0.008

## General Analytical

Lab ID: 01836-002  
 Client ID: 02  
 Percent Moisture: 100

Date Sampled: 3/2/04  
 Time Sampled: 15:30

Parameter	Result	MDL	Matrix-Units	Date Analyzed
Biochemical Oxygen Demand	12.0	2.00	Aqueous-mg/L	3/3/04 11:30
Total Suspended Solids	273	18.2	Aqueous-mg/L	3/4/04 16:00

ND = Analyzed for but Not Detected at the MDL

These data have been reviewed and accepted by:

*Michael H. Leftin*  
 Michael H. Leftin, Ph.D.  
 Laboratory Director

273 Franklin Road  
 Randolph, NJ 07869  
 Phone: 973 361 4252  
 Fax: 973 989 5288



IAL is a NELAC New Jersey Certified Lab (14751) and maintains certification in Connecticut (PH-0699), New York (11402), Rhode Island (00126), Florida (E87670) and in the Department of Navy IR QA Program

**INTEGRATED ANALYTICAL LABORATORIES  
CHAIN OF CUSTODY**

## CLIENT & PROJECT

## REPORTING

Name: <b>ANDARU Electric Service</b>	Fax to: <b>ENVURO - COMP</b>
	Fax #: <b>633-7643</b>
Address: <b>72 Michigan Ave</b>	Report to: <b>ENVURO - COMP</b>
<b>Paterson, NJ 07503</b>	Address: <b>PO Box 3457</b>
	<b>WAYNE, NJ 07474</b>
Telephone #:	Invoice to: <b>ENVURO - COMP</b>
Fax #:	Address:
Project Name: <b>PVSC MONITORING</b>	
Project Manager:	
Reference ID #:	PO #:

## SAMPLE INFORMATION

SAMPLE MATRIX	
W - Waste	SL - Sludge A - Aqueous
O - Oil	X - Other S - Soil
GW - Groundwater	SOL - Solid

[illegible]

Please print legibly and fill out completely. Samples cannot be processed and the turnaround time will not start until any ambiguities have been resolved.

**CUSTODY LOG**

Signature	Date	Time	Signature
Relinquished by: <i>Child Welfare</i>	3/3/04	8:00	Received by: <i>[Signature]</i>
Relinquished by: <i>[Signature]</i>	3-3-04	12:00	Received by: <i>Peter Englund</i>
Relinquished by: <i>Peter Englund</i>	3-3-04	3:30	Received by: <i>[Signature]</i>
Relinquished by:			Received by:
Relinquished by:			Received by:

LAB COPIES - WHITE & YELLOW; CLIENT COPY - PINK

Turnaround Time	Report Format
<u>Conditional / TPHC</u> 24 hr*    48 hr    72 hr    1 wk NA    Other:	Results Only Reduced
<u>Verbal/Fax</u> 24 hr*    48 hr*    72 hr*    1 wk* 2 wk    Other:	Regulatory
<u>Hard Copy</u> 72 hr*    1 wk*    2 wk*    3 wk* Other:	SRP Disk*: dbf or wk1

\* Prior to sample arrival, Lab notification is required.

## ANALYTICAL PARAMETERS / PRESERVATIVES

[illegible]

COOLER TEMP.	3 °C	Comments
--------------	------	----------

Comments

**Comments:**

Lab Case #

PAGE: 1 OF 1

**ENVIRO-COMP, INC.**  
Environmental Compliance Consultants

- WASTEWATER:  
SAMPLING / ANALYSIS
- PERMITS / DISCHARGE REPORTS

INDUSTRIAL	120	1335
8110	8115	8120
8125	8130	8135
• AIR PERMITTING: 2004		
• PRECONSTRUCTION / TITLE V		
• EMISSION STATEMENTS		

Passaic Valley Sewerage Commissioners  
600 Wilson Avenue  
Newark, NJ 07105

July 31, 2004

Attn: Marc Picinich,  
Industrial Department

RE: PVSC Permit Renewal Applications:  
UNICORP (# 25200001) and  
Andarn Electro Service, Inc. (# 27200053)

Dear Mr. Picinich:

On behalf of my clients, UNICORP and Andarn Electro Service, Inc., enclosed please find the applications for their PVSC Discharge Permit renewals along with their checks for \$750.00.

Please contact me directly if you have any questions or need any further information. Thank You.

Sincerely,

ENVIRO-COMP, INC.



John Sabo,  
President

cc: Steve Mercadante, UNICORP w/ enclosures  
Chandra Patel, Andarn w/ enclosures

DONALD TUCKER  
CHAIRMAN

CARL S. CZAPLICKI, JR.  
VICE CHAIRMAN

ANTHONY W. ARDIS  
FRANK J. CALANDRIELLO  
ALAN C. LEVINE  
ANGELINA M. PASERCHIA  
KENNETH R. PENGITORE  
THOMAS J. POWELL  
COMMISSIONERS



Passaic Valley  
Sewerage Commissioners

100<sup>th</sup> Anniversary  
1902 - 2002

600 WILSON AVENUE  
NEWARK, NJ 07105  
(973) 344-1800  
Fax: (973) 344-2951  
www.pvsc.com

ROBERT J. DAVENPORT  
EXECUTIVE DIRECTOR

JAMES KRONE  
DEPUTY EXECUTIVE DIRECTOR

JOSEPH A. FERRIERO  
CHIEF COUNSEL

LOUIS LANZILLO  
CLERK

Industrial Fax: (973-344-4876)

## RECEIPT

RECEIVED FROM Anders Electro Inc

AMOUNT OF PAYMENT \$750.00 DATE OF PAYMENT 8/3/04  
Check # 1380

A/ MR-1 , MR-2 REPORT DUE ON \_\_\_\_\_ ( LATE REPORT )

B/ SV FINE, CONSENT ORDER ( EFFLUENT VIOLATION )

C/ SEWER USE APPLICATION FEE	\$ 750.00
GROUNDWATER APPLICATION FEE	\$ 750.00
LETTER OF AUTHORIZATION	\$ 200.00
PERMIT FEE PER YEAR	\$ 300.00
PERMIT FEE PER YEAR	\$ 600.00
OTHER	\$ _____

OK # 1380

PAYMENT RECEIVED BY:

SIGNATURE Vanessa Dominguez

AMOUNT 750.00

DATE 8/3/04

**ANDARN ELECTRO SERVICE, INC.**

72 MICHIGAN AVENUE  
P.O. BOX 188, PARK STATION  
PATERSON, NJ 07543

WASHINGTON MUTUAL BANK, FA  
PATERSON, NJ 07503  
55-7272/212

1380

7/26/2004

PAY TO THE  
ORDER OF PASSAIC VALLEY SEWERAGE COMMISSIONERS

\$\*\*750.00

Seven Hundred Fifty and 00/100\*\*\*\*\* DOLLARS 

PASSAIC VALLEY SEWERAGE COMMISSIONERS  
ATTENTION: LAURA MARCHITTO  
600 WILSON AVENUE  
NEWARK, NJ 07105

Protect Your Future

MEMO Sewer Use Permit#27200053 - Renewal

⑈001380⑈ ⑆021272723⑆ 0672346668⑈

ANDARN ELECTRO SERVICE, INC.

1380

PASSAIC VALLEY SEWERAGE COMMISSIONERS

7/26/2004

LICENSE AND FEES

Sewer use permit#27200053-in order to continue to discharge int

750.00

**ANDARN**  
ELECTRO SERVICES CORPORATION

Protect Your Future

WASHINGTON MUTUA Sewer Use Permit#27200053 - Renewal

750.00